Chapter 46: Animal Reproduction

Name:

1. Creation of offspring without the fusion of egg & sperm
   1. Parthenogenesis
   2. Budding
   3. Fission
   4. Meiosis
   5. Fragmentation
2. A certain creature with gamete chromosome number of 3N reproduces via parthenogenesis. It’s off springs will have a chromosome number of
   1. 6N
   2. 3N
   3. Diploid of 3N
   4. A & C
   5. None of the above
3. Which of the following is true about hermaphroditic animals?
   1. Does not benefit parasitic animals
   2. Self fertilization is absent
   3. One sex organ is favored more than the other
   4. An organism fertilizing another can itself be fertilized during mating
   5. More than one is correct
4. During ovulation, the egg is released into the
   1. Uterine wall
   2. Urethra
   3. Ovaries
   4. Abdominal cavity
   5. Endometrium
5. Collective terms for external female genitals
   1. Vagina
   2. Vulva
   3. Vulvae
   4. Vaginocervical region
   5. Genitalia vulvitis
6. Testosterone and other male androgens are produced by the
   1. Epididymis
   2. FSH
   3. LH
   4. Leydig cells
   5. Prostate gland
7. Mucus which protects sperm in semen from acidic urine is produced by the
   1. Seminal vesicles
   2. Bulbourethral gland
   3. Prostate gland
   4. Bartholin gland
8. Poorly developed or undernourished sperm may present as a result of
   1. Leydig cells poor secretion of LH
   2. A damage to the receptors of Sertoli cells impairing their ability to respond to LH
   3. A damage to the receptors of Sertoli cells impairing their ability to respond to FSH
   4. Leydig cells poor secretion of FSH
   5. A damage to the receptors of Sertoli cells impairing their ability to respond to GnRH
9. Trace the pathway of spermatogenesis
10. Trace the pathway of Oogenesis